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Michael.Simitoski@uspto.gov
(703) 305-8191

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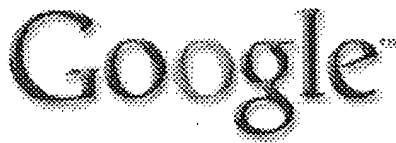
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Minerva M. Yeung

July 1998

Communications of the ACM, Volume 41 Issue 7

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 Additional Information: [full citation](#), [citations](#), [index terms](#)

2 [Technical trials and legal tribulations](#)

Scott Craver, Boon-Lock Yeo, Minerva Yeung

July 1998

Communications of the ACM, Volume 41 Issue 7

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3 [Retrieving and visualizing video](#)

Boon-Lock Yeo, Minerva M. Yeung

December 1997

Communications of the ACM, Volume 40 Issue 12

 Full text available: [pdf\(2.01 MB\)](#)

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4 [Multigrain shared memory](#)

Donald Yeung, John Kubiawicz, Anant Agarwal

May 2000

ACM Transactions on Computer Systems (TOCS), Volume 18 Issue 2

 Full text available: [pdf\(369.18 KB\)](#)

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Parallel workstations, each comprising tens of processors based on shared memory, promise cost-effective scalable multiprocessing. This article explores the coupling of such small- to medium-scale shared-memory multiprocessors through software over a local area network to synthesize larger shared-memory systems. We call these systems Distributed Shared-memory MultiProcessors (DSMPs). This article introduces the design of a shared-memory system that uses multiple granularities of sharing, ca ...

Keywords: distributed memory, symmetric multiprocessors, system of systems

5 [A credit manager for traffic regulation in high-speed networks: a queueing analysis](#)

Kin K. Leung, Raymond W. Yeung, Bhaskar Sengupta

April 1993

IEEE/ACM Transactions on Networking (TON), Volume 1 Issue 2

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6 [The scalability of multigrain systems](#)

Donald Yeung

May 1999

Proceedings of the 13th International conference on Supercomputing

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7

Digital watermarking: what will it do for me? And what it won't!

Jian Zhao, Eckhard Koch, Joe O'Ruanaidh, Minerva M. Yeung

July 1999

ACM SIGGRAPH 99 Conference abstracts and applicationsAdditional Information: [full citation](#), [index terms](#)

8

Design and analysis of a novel fast packet switch: pipeline Banyan

P. C. Wong, M. S. Yeung

February 1995

IEEE/ACM Transactions on Networking (TON), Volume 3 Issue 1Full text available:  [pdf \(1.04 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

9

A generalized model for a relational temporal database

Shashi K. Gadia, Chuen-Sing Yeung

June 1988

Proceedings of the 1988 ACM SIGMOD International conference on Management of dataFull text available:  [pdf \(1.04 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We propose a generalized relational model for a temporal database which allows time stamping with respect to a Boolean algebra of multidimensional time stamps. The interplay between the various temporal dimensions is symmetric. As an application, a two dimensional model which allows objects with real world and transaction oriented time stamps is discussed. The two dimensional model can be used to query the past states of the database. It can also be used to give a precise classification of ...

10

MGS: a multigrain shared memory system

Donald Yeung, John Kubiawicz, Anant Agarwal

May 1996

ACM SIGARCH Computer Architecture News , Proceedings of the 23rd annual International symposium on Computer architecture, Volume 24 Issue 2Full text available:  [pdf \(1.37 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Parallel workstations, each comprising 10-100 processors, promise cost-effective general-purpose multiprocessing. This paper explores the coupling of such small- to medium-scale shared memory multiprocessors through software over a local area network to synthesize larger shared memory systems. We call these systems Distributed Scalable Shared-memory Multiprocessors (DSSMPs). This paper introduces the design of a shared memory system that uses multiple granularities of sharing, and presents an imp ...

11

Performance evaluation of a new distributed deadlock detection algorithm

Chim-fu Yeung, Sheung-lun Hung, Kam-yiu Lam

September 1994

ACM SIGMOD Record, Volume 23 Issue 3Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

In this paper, a new probe-based distributed deadlock detection algorithm is proposed. It is an enhanced version of the algorithm originally proposed by Chandy's et al. [5,6]. The new algorithm has proven to be error free and suffers very little performance degradation from the additional deadlock detection overhead. The algorithm has been compared with the modified probe-based and timeout methods. It is found that under high data contention, it has the best performance. Results also indica ...

12

Rendering with concentric mosaics

Heung-Yeung Shum, Li-Wei He

July 1999

Proceedings of the 26th annual conference on Computer graphics and interactive techniquesFull text available:  [pdf \(1.44 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: image-based rendering, plenoptic functions, virtual environments

13

A brief overview of ATM: protocol layers, LAN emulation, and traffic management

Kai-Yeung Siu, Raj Jain

April 1995

ACM SIGCOMM Computer Communication Review, Volume 25 Issue 2Full text available:  [pdf \(1.01 MB\)](#)Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Asynchronous Transfer Mode (ATM) has emerged as the most promising technology in supporting future broadband multimedia communication services. To accelerate the deployment of ATM technology, the ATM Forum, which is a consortium of service providers and equipment vendors in the communication

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1 Watermarking 3D objects for verification

Boon-Lock Yeo; Yeung, M.M.;

Computer Graphics and Applications, IEEE , Volume: 19 , Issue: 1 , Jan.-Feb. 1999

Pages:36 - 45

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2 Digital watermarks: Shedding light on the invisible

Yeung, M.M.; Boon-Lock Yeo; Holliman, M.;

Micro, IEEE , Volume: 18 , Issue: 6 , Nov.-Dec. 1998

Pages:32 - 41

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3 Resolving rightful ownerships with invisible watermarking techniques: limitations, and implications

Craver, S.; Memon, N.; Yeo, B.-L.; Yeung, M.M.;

Selected Areas in Communications, IEEE Journal on , Volume: 16 , Issue: 4 , May 1998

Pages:573 - 586

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) IEEE JNL

4 Fragile watermarking of three-dimensional objects

Yeung, M.; Boon-Lock Yeo;

Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on , Volume: 2 , 4 1998

Pages:442 - 446 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(592 KB\)\]](#) IEEE CNF

5 Digital watermarking for high-quality imaging

Yeung, M.M.; Mintzer, F.C.; Braudaway, G.W.; Rao, A.R.;

Multimedia Signal Processing, 1997., IEEE First Workshop on , 23-25 June 1997

Pages:357 - 362

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6 On the invertibility of invisible watermarking techniques

Craver, S.; Memon, N.; Boon-Lock Yeo; Yeung, M.M.;

Image Processing, 1997. Proceedings., International Conference on , Volume: 1 , 26-29 Oct. 1997

Pages:540 - 543 vol.1

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7 **An invisible watermarking technique for image verification**

Yeung, M.M.; Mintzer, F.;

Image Processing, 1997. Proceedings., International Conference on , 26-29 Oct. 1997

Pages:680 - 683 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(684 KB\)\]](#) IEEE CNF

8 **Effective and ineffective digital watermarks**

Mintzer, F.; Braudaway, G.W.; Yeung, M.M.;

Image Processing, 1997. Proceedings., International Conference on , Volume: 3 , 26-29 Oct. 1997

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 Nasir Memon, Boon-Lock Yeo, Member, IEEE, and **Minerva M. Yeung**, Member, IEEE Abstract-Digital watermarks
debut.cis.nctu.edu.tw/~yklee/Research/Watermarking/Scott_Craver/JSAC98-5-12.pdf

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 Heights, NY 10598 Email: yeo@watson.ibm.com **Minerva Yeung** Department of Electrical Engineering
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 compact signatures Milind R. Naphade a **Minerva M. Yeung** b and Boon-Lock Yeo b a Department of
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www.ee.princeton.edu/~yeo/ICIP97-VIDEO/yeoyeung.pdf

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